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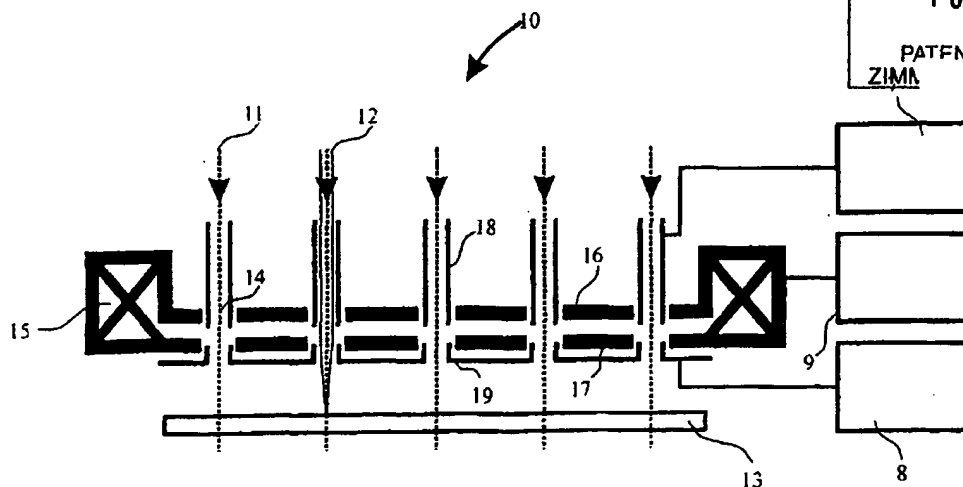
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(54) Title: **MULTI-AXIS COMPOUND LENS, BEAM SYSTEM MAKING USE OF THE COMPOUND LENS, AND METHOD USING THE COMPOUND LENS**



(57) Abstract: The invention provides an optical system for a charged particle multi-beam system. The optical system comprises an electrostatic lens component and a magnetic lens component. The components are used to focus a plurality of charged particle beams in a separate opening for each of at least a plurality a charged particle beams traveling through the optical system.

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# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/14140

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01J37/145 H01J37/317

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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